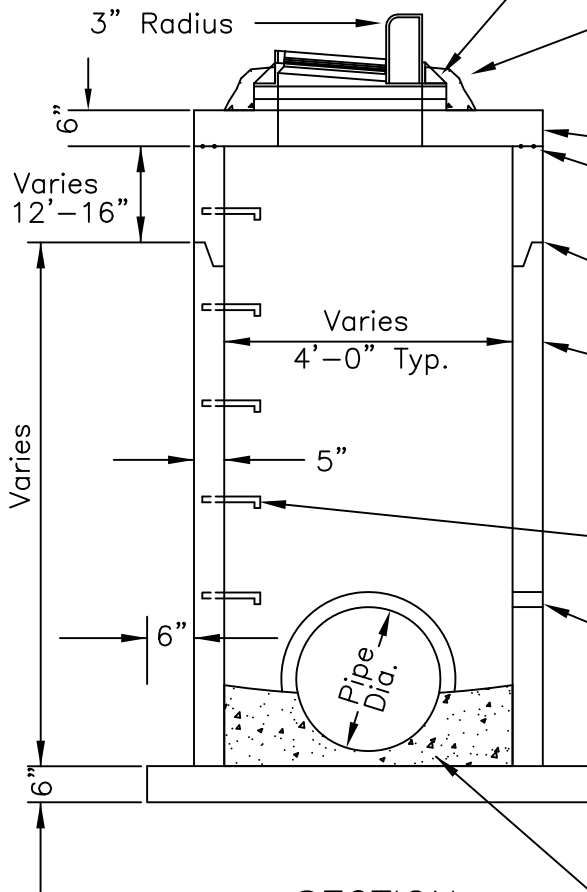


PLAN



SECTION

24"x36" slab opening for Neenah R3067V or preapproved equal.

Dimension from back of curb to center of pipe.

- 4' Dia. MH - 9" in from Back of Curb
- 5' Dia. MH - 3" in from Back of Curb
- 6' Dia. MH - 3" behind Back of Curb
- 7' Dia. MH - 9" behind Back of Curb
- 8' Dia. MH - 15" behind Back of Curb

Wood wedges are not allowed for adjustment and no more than 4 wedges should be used under a casting

Minimum of 2 and maximum of 5 concrete adjustment rings with full bed of mortar between each concrete collar required around all adjusting rings. 1 ring w/mortar=0.2'; max. horizontal offset=0.25'(3").

6" precast reinforced concrete slab.

Top of barrel section under top Slab to have flat top edge sealed with 2 beads of Ramnek or equal.

All joints in manhole to have "O" ring rubber gaskets.

Precast concrete section

Doghouses shall be grouted on both the outside and inside.

Manhole steps, Neenah R1981J or equal, 16" o.c., Aluminum steps approved.

4" PVC Tee for drain tile connection.

No block structures are allowed.

Minimum Slab thickness, 6" for structures 14' in depth. Increase thickness 1" for each 4' of depth greater than 14', and reinforce with 6"x6" 10/10 mesh.

Grout bottom of MH to 1/2 diameter of pipe and slope 2" toward invert.



STANDARD DETAILS

CATCH BASIN MANHOLE

Last Revision:
FEB 2017

City Plate No.
STO-05
2017

FARMINGTON, MINNESOTA